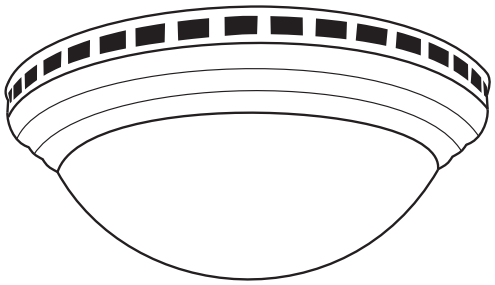
Designer Light for use with Bath Fan
INSTALLATION INSTRUCTIONS

The NuVent Designer Light for use with Bath Fan listed in these instructions is designed for use as a fan-light in the bathroom with any pre-installed NuVent MR or MS Series fan-light (all of which use the M2000 Universal Housing™). The NuVent Designer Light may also be used as a separate light fixture.

Models:
NXMD1AB
NXMD1OB
NXMD1WH



SAFETY INSTRUCTIONS WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS OBSERVE THE FOLLOWING:

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

3. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction and standards. Turn OFF power and lock out service panel before installing or wiring this product. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified electrician.

4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA) and the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.

5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

6. Ducted fans must always be vented to the outdoors.

7. NEVER place a switch where it can be reached from a tub or shower.

8. This unit must be grounded.

9. This unit is UL listed. Type I.C. inherently protected.

10. This fan is not for use in kitchens.

11. Acceptable for use over a bathtub or shower when installed in a GFCI protected circuit.

12. Install fan at least 1.5m (5 feet) above the floor.

CAUTION: FOR GENERAL VENTILATING USE ONLY!

1. Do not use to exhaust hazardous or explosive materials and vapors.

2. This product is designed for installation in flat ceilings only. Do not mount this product in a wall.

3. The light fixture assembly must be mounted to the NuVent M2000 housing or to a wiring outlet box.

TOOLS REQUIRED FOR INSTALLATION

- Screwdriver
- Electric drill
- 1/8" drill bit
- Wire cutters
- Wire stripper
- UL approved wire nuts/connectors

PARTS LIST:

1	Designer Light frame
1	Glass dome
1	Mounting bracket
2	2 1/2" Philips pan head screws
4	1/2" Philips pan head screws

Note: Not all of these parts will be used in these installations. If you are missing parts, please phone 800.433.1626 and ask for Customer Service.

INSTALLATION INSTRUCTIONS FOR USE AS A SEPARATE LIGHT FIXTURE

WIRING: This product requires 120v AC standard house wiring (with ground) from the power source through a standard wall switch. Turn OFF power and lock out service panel before installing or wiring this product. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified electrician.

FIGURE 1

1. The NuVent Designer Light has a pre-installed quick connector that will not be used when the Designer Light is used as a separate light fixture. Before beginning installation, the quick connector must be removed. (**IMPORTANT!** Do not cut these wires if you intend to use the designer light with a fan. For that use, follow instructions on the reverse side of this page.) Using a wire cutter, cut each of the three wires (white, black, and green) next to the quick connector. (See Figure 1).

2. Remove the ground wire (green) from the Designer Light frame by removing the grounding screw. Store screw safely until needed in Step 4 below.

3. Using a wire stripper, remove approximately 1/2" of insulation from the black and white wires on the Designer Light.

4. Connect the supply wiring to the designer light wiring using UL approved connectors: black to black and white to white. Connect ground wire from the supply to the Designer Light frame using grounding screw removed in Step 2.

5. Mount Designer Light frame to ceiling box using the two mounting screws provided.

INSTALLATION INSTRUCTIONS FOR USE WITH BATH FAN

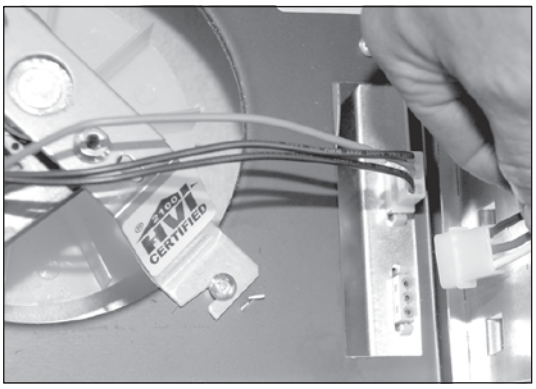
The NuVent Designer Light (Models NXMD1AB, NXMD1OB, and NXMD1WH) is designed to be used with any pre-installed NuVent MR or MS Series fan-light (all of which use the M2000 Universal Housing™). (For installation as a separate light fixture see previous page.)

1. The NuVent Designer Light frame has a pre-installed center bolt that will not be used in this installation. Remove.

2. Remove the grille from the pre-installed NuVent fan-light. Note: On units manufactured prior to 2005, the grille is mounted to the housing with torsion springs; on units manufactured during or after 2005, the grille/light assembly is mounted to the housing with a hex screw.

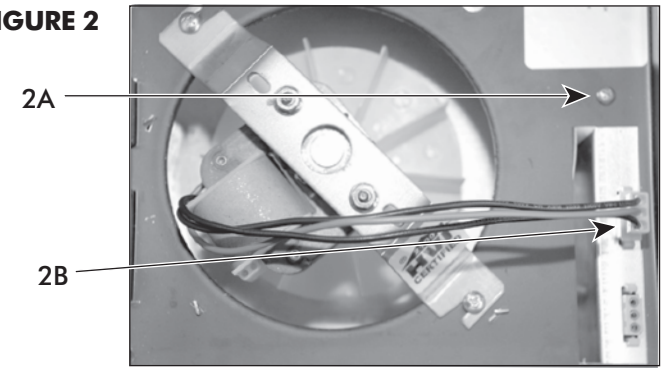
3. Unplug the light assembly quick connector. (See Figure 1.)

FIGURE 1



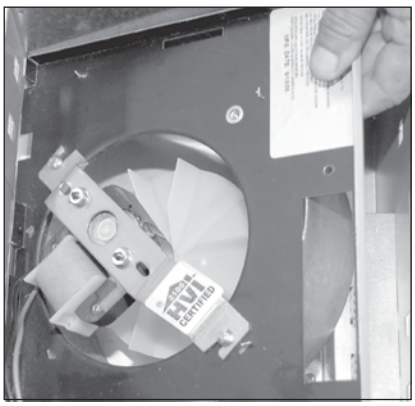
4. Remove the motor plate screw (Figure 2A). Store screw safely until needed in Step 8. Remove the motor quick connector (Figure 2B).

FIGURE 2



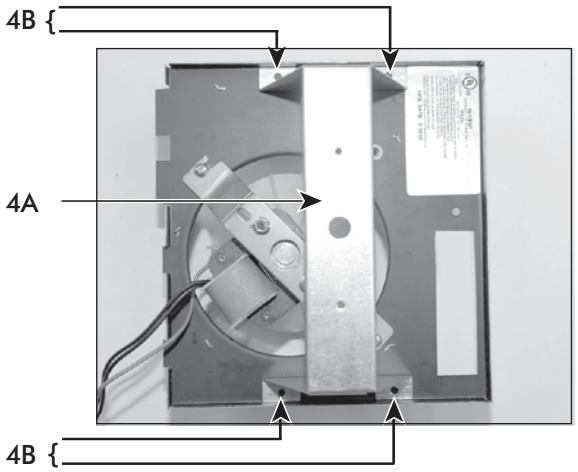
5. Slide the motor plate out of the housing as indicated in Figure 3.

FIGURE 3



6. Place the motor plate on a bench or other flat surface. Center the mounting bracket (provided) on the motor plate (See Figure 4A). Using the four pre-drilled holes in the mounting bracket as a template (Figure 4B), mark on the motor plate the position of the holes. Remove the mounting bracket. Drill the four marked holes in the motor plate using a 1/8" drill bit.

FIGURE 4



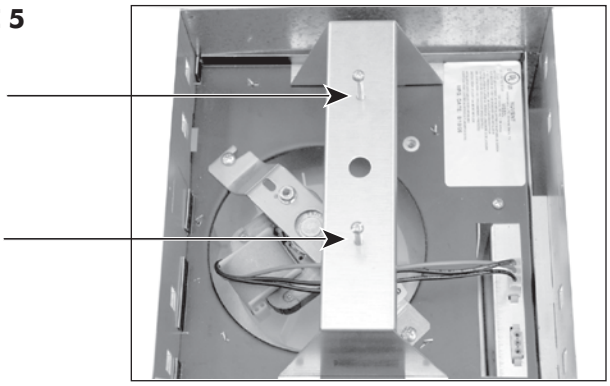
7. Attach the mounting bracket to the motor plate with four 1/2" pan head screws (provided).

8. Reinsert the motor plate in the housing and secure motor plate with motor plate screw removed in Step 4.

9. Reinsert the motor quick connector.

10. Insert the two 2" Phillips pan head screws (provided) in the mounting bracket. See Figure 5.

FIGURE 5



11. Insert the quick connector on the Designer Light frame into the same receptacle in the pre-installed housing from which the old light assembly was disconnected in Step 3.

12. Position the keyhole slots in the Designer Light frame over the two screws in the mounting bracket. Twist in place and secure Designer Light frame by tightening screws in mounting bracket.

13. Insert two 60W incandescent bulbs or two compact fluorescent bulbs into light sockets.

14. Install glass dome. Twist slightly to secure.